

ABSTRACT OF THE DISCLOSURE

A gamma correction apparatus set in a liquid crystal display (LCD), comprising a gray-scale voltage generating circuit and a gamma correction circuit. The gray-scale voltage generating circuit includes the common gray-scale voltage generating circuit and a plurality of individual gray-scale voltage generating circuits, wherein every individual gray-scale voltage generating circuit generates individual gray-scale voltage and corresponds to one of the displaying colors of the pixels of the LCD panel. The gamma correction circuit, according to the corresponding color of the pixel signal, selects the common gray-scale voltage and the corresponding individual gray-scale voltages of the color, and then outputs a pixel voltage corresponding to the pixel signal.

* * * * *